

# Converting Colors

YUV(139.9040, -7.8407, -5.1778)

Have a look what the booklet for  
YUV(139.9040, -7.8407, -5.1778)  
contains.

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# Color

**YUV(139.9040, -7.8407,  
-5.1778)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86927C
RGB	134, 146, 124
RGB Percent	53%, 57%, 49%
CMY	0.4745, 0.4275, 0.5137
CMYK	0.08, 0.00, 0.15, 0.43
HSL	93°, 9%, 53%
HSV	93°, 15%, 57%
XYZ	23.7485, 27.0813, 23.0443
YIQ	139.9040, -0.0900, -9.3860

# Conversions

## Conversions Part 2

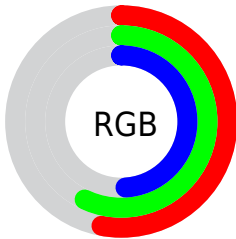
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 146, 136
Decimal	8819324
CIELab	59.05, -8.57, 10.21
CIELCh	59, 13.327, 130.007
Yxy	27.0813, 0.3215, 0.3666
Android (android.graphics.Color)	4287009404 (0xFF86927C)
YUV	139.9040, -7.8407, -5.1778
Hunter-Lab	52.0397, -9.6105, 10.1729

# Details

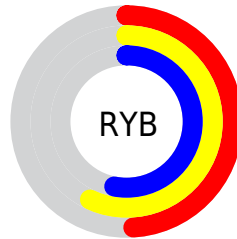
The YUV color **139.9040, -7.8407, -5.1778** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **130.0960, 7.8407, 5.1778**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4910, -8.1301, -5.6926**, and **90.0180, -7.4039, -5.2778** is the 20% darker color. If you saturate the color by 10%, you get **135.8020, -13.2134, -8.5964**, and if you desaturate by 10%, it is **144.0060, -2.4680, -1.7593**.

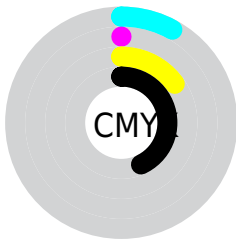
# Distribution



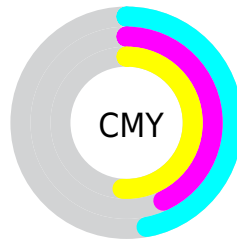
- Red (53%)
- Green (57%)
- Blue (49%)



- Red (49%)
- Yellow (57%)
- Blue (53%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (43%)



- Cyan (47%)
- Magenta (43%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.9040, -7.8407, -5.1778 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 139.9040, -7.8407, -5.1778 by changing the saturation by 10% instead.



■ 139.9040, -7.8407,  
-5.1778

■ 139.9040, -7.8407,  
-5.1778

255.0000, 0.0000,  
0.0000

■ 114.3170, -7.5513,  
-4.6630

■ 193.4910, -8.1301,  
-5.6926

■ 90.0180, -7.4039,  
-5.2778

■ 221.3770, -8.5669,  
-5.5926

■ 66.4310, -7.1145,  
-4.7630

■ 248.7900, -8.2775,  
-5.0778

■ 43.9580, -6.3883,  
-4.3482

■ 23.0290, -7.4093,  
-3.5334

■ 0.0000, 0.0000,  
0.0000

■ 139.9040, -7.8407,  
-5.1778

■ 139.9040, -7.8407,  
-5.1778

■ 135.8020,  
-13.2134, -8.5964

■ 144.0060, -2.4680,  
-1.7593

■ 131.8140,  
-18.1493, -12.1149

■ 147.9940, 2.4680,  
1.7593

■ 127.7120,  
-23.5220, -15.5334

■ 152.0960, 7.8407,  
5.1778

■ 123.7240,  
-28.4579, -19.0519

■ 156.0840, 12.7766,  
8.6963

■ 119.6220,  
-33.8306, -22.4705

■ 160.1860, 18.1493,  
12.1149

■ 115.5200,  
-39.2034, -25.8890

■ 164.2880, 23.5220,  
15.5334

■ 111.5320,  
-44.1393, -29.4076


■ 168.2760, 28.4579,  
19.0519

■ 107.4300,

■ 172.3780, 33.8306,

-49.5120, -32.8261

22.4705

 105.4360,  
-51.9799, -34.5854

 176.3660, 38.7666,  
25.9890

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



141.4600, -11.0728, 4.8586



139.9040, -7.8407, -5.1778



138.3310, -2.1352, -15.1993

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



139.9040, -7.8407, -5.1778



139.6910, 11.9843, -17.2690



144.3230, -3.1172, 19.8877

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



139.9040, -7.8407, -5.1778



130.0960, 7.8407, 5.1778

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



144.4840, 2.7194, 14.4845



139.9040, -7.8407, -5.1778



142.2300, 11.2256, -7.2177

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



139.9040, -7.8407, -5.1778



138.2620, 9.2378, -23.0318



143.7970, 7.9881, 4.5630



143.4710, -7.6272, 19.7579



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



139.9040, -7.8407, -5.1778



138.0360, 1.9543, -20.2026



143.7970, 7.9881, 4.5630



144.2950, -0.6384, 18.1583

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



139.9040, -7.8407, -5.1778



186.3650, -3.6309, -2.0741



137.6220, -6.7156, 7.3475



92.5330, -1.7418, -1.3444



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



139.9040, -7.8407, -5.1778



179.4430, -12.0504, -8.2815



137.0280, -5.9298, -11.4256



72.0060, -2.4680, -1.7593



99.8430, -49.2226, -32.3113



7.3650, -3.6309, -2.0741



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



130.0960, 7.8407, 5.1778



164.2580, 12.1978, 7.6667



132.9720, 5.9298, 11.4256



68.9940, 2.4680, 1.7593



38.1570, 49.2226, 32.3113



2.9340, 3.4835, 2.6889



# Previews

## White Background



This preview shows how the YUV color 139.9040, -7.8407, -5.1778 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

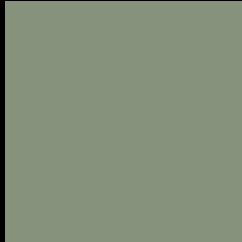
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 139.9040, -7.8407, -5.1778 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

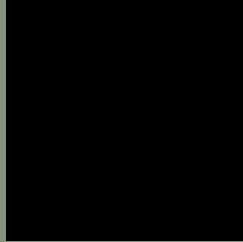
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 139.9040, -7.8407, -5.1778

## Background



This preview shows how black text looks on a background with the YUV color 139.9040, -7.8407, -5.1778.



This preview shows how white text looks on a background with the YUV color 139.9040, -7.8407, -5.1778.

-5.1778.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

139.9040, -7.8407, -5.1778

### Protanopia

141.8130, -9.7678, 6.3030

### Deuteranopia

142.9220, -8.3425, 15.8544



## Tritanopia

142.0580, 5.3944, -3.5589

# Trichromacy



## Original Color

139.9040, -7.8407, -5.1778

## Protanomaly

141.0190, -8.8834, 2.6143

## Deuteranomaly

141.5790, -8.1734, 8.2622

## Tritanomaly

141.0920, 0.4476, -3.5887

# Monochromacy



## Original Color

139.9040, -7.8407, -5.1778

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

139.8920, -2.9048, -1.6593

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.9040, -7.8407, -5.1778 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(134, 146, 124)` looks like.

```
.text, #text, p{  
    color:rgb(134, 146, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(134, 146, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 146, 124) }
```

## Border

The CSS property to change the border of an element to YUV 139.9040, -7.8407, -5.1778 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 146, 124) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(134, 146, 124) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(134, 146, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 146, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 146, 124);  
box-shadow:4px 4px 4px 4px rgb(134, 146,  
124) }
```

# Background

The CSS property to change the background color of an element to YUV 139.9040, -7.8407, -5.1778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 146, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(134,  
146, 124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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